

ORISSA ELECTRICITY REGULATORY COMMISSION

**BIDYUT NIYAMAK BHAWAN
UNIT-VIII, BHUBANESWAR – 751 012**

Present : Shri B.K. Das, Chairperson
Shri S.K. Jena, Member
Shri K.C. Badu, Member

Case No.61/2008

M/s.OPTCL

.... **Petitioner**

**In the matter of : Investment Proposal of OPTCL for construction of
2x315 MVA 400/220 KV s/s at Bolangir along with
associated transmission line.**

ORDER 18.11.2008

Mr. A. P. Mohanty, G.M., (R&P) and J. P. Das, CGM (O&M), OPTCL are present.

2. Mr. J.P. Das stated that OPTCL has submitted an application for approval of investment for four numbers of projects as listed below:–

- (i) 2x315 MVA, 400/220 KV Bolangir S/S along with LILO of Meramundali-Jeypore 400 KV S/C line and Indravati-Rengali 400 KV S/C line.
- (ii) 400 KV S/S at Sundargarh by LILO of Rourkela-Raigarh 400 KV line and proposed Talcher-Rourkela 400 KV line.
- (iii) 400 KV S/s at Keonjhar by LILO of Jamshedpur-Baripada-Mendhasal line and Rengali-Kolaghat S/C line.
- (iv) 400 KV LILO of Baripada-Mendhasal line at existing 400 KV S/S at Duburi.

The cost of the projects and the DPRs have not been submitted.

3. He also stated that as per License Condition 10 read with Condition 23.1 of OPTCL, approval of the Commission is required for cost beyond Rs.10.00 Cr. The Licensee is required to satisfy to the Commission (i) about need of such investment; (ii) that it has examined the economic, technical system and environmental aspects of all alternatives.

4. The Licensee is required to furnish to the Commission (i) a DPR, (ii) project cost with cost benefit analysis, (iii) whether it is a new project or an expansion/ up-gradation, (iv) sanctions/ statutory clearance (v) phasing of investment and commissioning schedule, (vi) manner of capitalizing the investment in the revenue requirement, (vii) constraints in making investment, (viii) resource mobilization and financial plans, (ix) process of finalizing the tender through Commission's approved transparent procedure, and (x) any of the item as required by the Commission.

5. OPTCL in its 26th Board meeting has considered that more than 30,000 MW of power will be added to the Orissa state towards the end of the 12th Plan, out of which about 11,000 MW shall be the State share. It has also considered that as per the 17th EPS of CEA, there shall be requirement of about 4459 MW peak power for Orissa and OPTCL has revised its requirement to 6363 MW during the end of 11th Plan. OPTCL in its Business Plan for 2008-09 to 2012-13 has submitted for approval of the Commission for various Transmission projects in which the above requirements have been taken into account. The study of M/s PRDC, Bangalore for the 11th Plan period taking into account 4459 MW peak demand during 2011-12 had suggested for 1X315 MVA 400/220 KV Bolangir S/S. However, the scenario has changed after the 7th meeting of TCC and ERPC dt.25/26.07.2008. Accordingly, the OPTCL Board has approved of the above four projects under State scheme to be taken up by PGCIL, so that PGCIL can go ahead with the projects. Subsequently, if other constituents agree, the projects can be converted to Regional schemes. The proposal for project No.(ii) to (iv) as noted above shall be placed in the next Standing Committee and ERPC for consideration of the E.R. Constituent. Hence, OPTCL has not sought for investment approval for the projects at item(ii), (iii) & (iv).

6. OPTCL has not submitted the DPR of the projects along with the costs. However, looking into the urgency of the 400 KV Bolangir Grid S/S, along with the LILO arrangements, the Commission hereby accords in principle approval for the project No.(i) i.e. 2X315 MVA, 400/220 KV Bolangir S/S along with LILO of Meramundali-Jeypore 400 KV S.C. line and Indravati-Rengali 400 KV S.C. line. OPTCL shall have to submit the DPR and other details as per the Licence Condition to the Commission on or before 31.03.2009. For the other projects, OPTCL may submit the investment proposal as quickly as possible. Further Commission also directs that the execution of the various Transmission projects should be prioritized keeping in view the urgency of evacuation of power and need to remove the persistent low voltage problem.

Accordingly, the case is disposed of.

Sd/-
(K.C. Badu)
Member

Sd/-
(S.K. Jena)
Member

Sd/-
(B.K. Das)
Chairperson